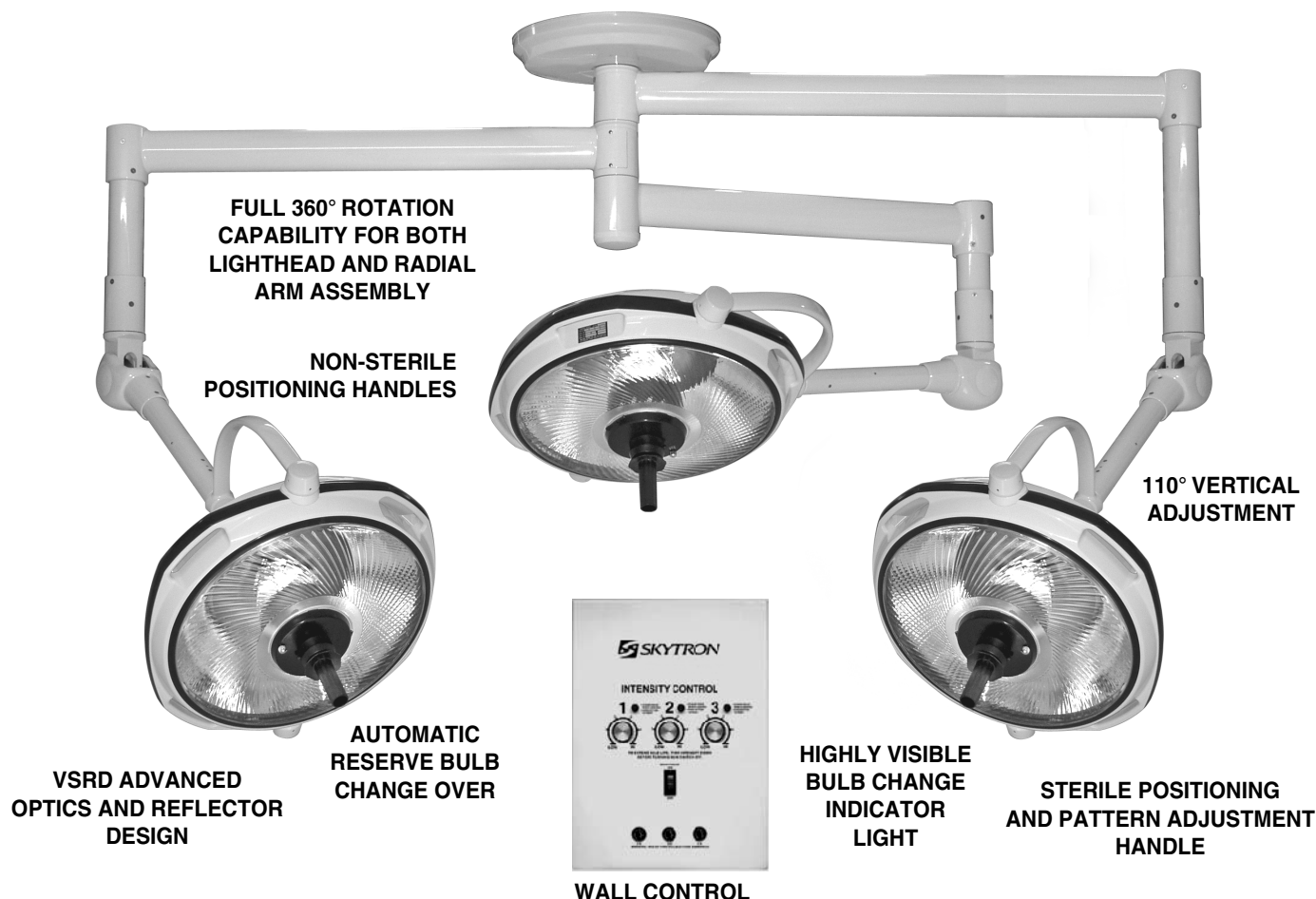


## NAUTILUS SERIES • SURGICAL LIGHTS



### INTRODUCTION

SKYTRON's Fixed Focus Nautilus Series with ADVANCED Vertical Segmented Reflector Design (VSRD) and swirl lens provides Superior Shadow Control and Extended Depth of Field. Typical applications include General, Orthopedic, Plastics, Micro Surgery, Cardiovascular, OB/GYN, Trauma and Urology.

### TECHNICAL DATA

**Electrical:** 120v, 60 Hz, 1 phase

**Power Consumption:** 510 watts (1,734 BTU/hr)

**Amperage:** Approximately 3.9 amps, fuse protected

**Intensity:** 33,000 fc (360,000 lux)  
11,000 fc per lighthead

**Color Temperature:** 4,000°K

**Beam Temperature:** Less than 25,000 microwatts per sq. centimeter as recommended by the I.E.S. handbook.

**Current Leakage:** Less than 100 microamps

**Bulb Type:** Halogen 24v/170w

**Fixture Weight:** 326 lbs.

**Moment Load:** 1,560 ft.lbs.

### ACCESSORIES

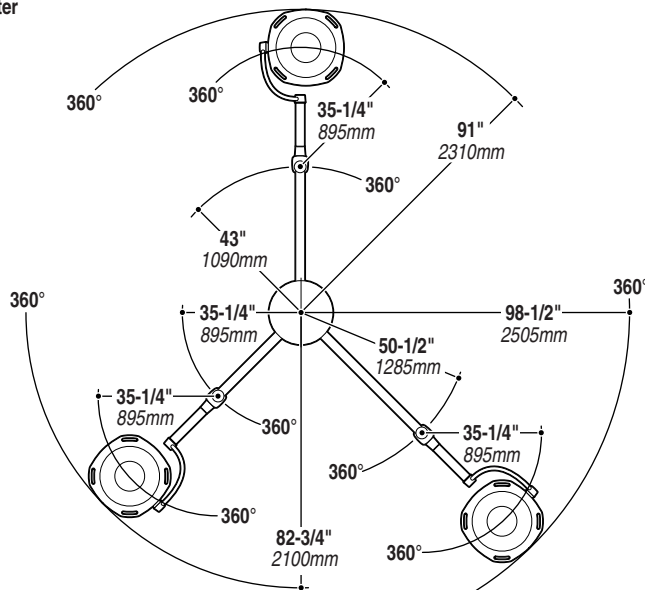
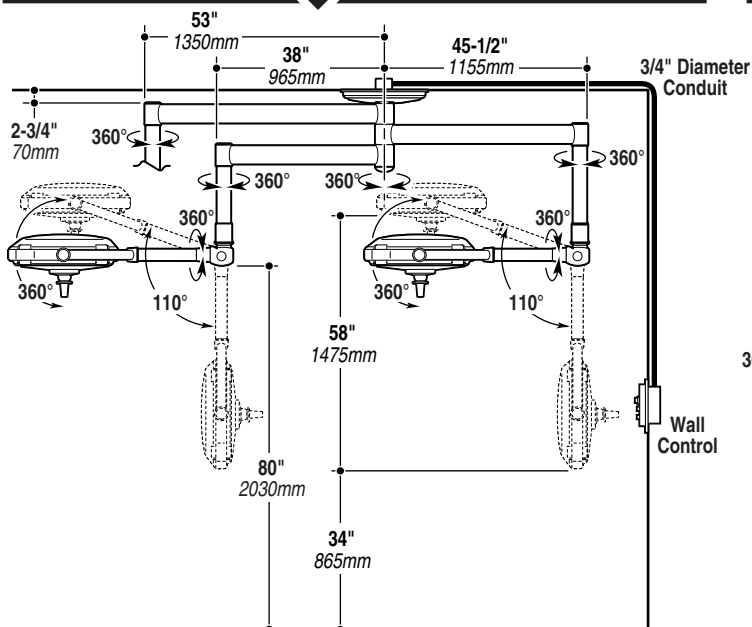
**Wall Mounted Intensity Control** provides intensity adjustment according to surgeon's requirements to assure maximum performance. Required, priced separately.

### ARCHITECTURAL SPECIFICATIONS

Surgical lighting system shall consist of three radial arm mounted 25" diameter lightheads equipped with a sterilizable pattern adjustment and positioning handle as well as non-sterile positioning handles. Total system output is to be 33,000 foot-candles at a color temperature of 4,000°K. The system is to be designed with one primary bulb and one reserve bulb. An automatic bulb change-over system shall be provided to eliminate the need to change bulbs during surgery. Wall Control is to have an indicator/reset system to indicate reserve bulb operation. Bulbs are to be 24v, 170w Halogen type. System design is to provide cool, color-corrected light that is diffused evenly over the surgical site for optimum shadow reduction. System shall be SKYTRON Model NT252525.

## ELEVATION VIEW

## PLAN VIEW

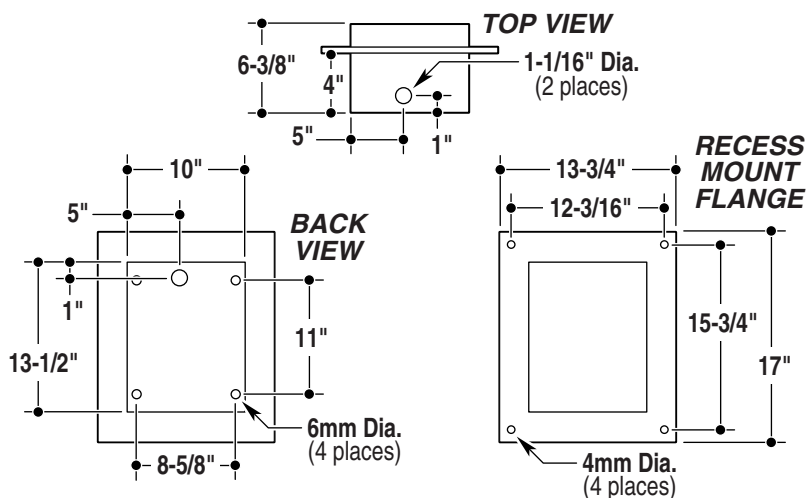


Minimum Ceiling Height: 9' 2". Consult your SKYTRON representative for lower ceiling heights and special applications.

## REFER TO APPROPRIATE MOUNTING STRUCTURE GUIDELINE

- STANDARD MOUNTING STRUCTURE GUIDELINE
- SPECIFIC SEISMIC CALCULATIONS IF APPLICABLE

## WALL CONTROL



5000 36th Street SE • Grand Rapids, MI 49512  
1.800.SKYTRON • 616.957.0500 • FAX: 616.957.5053